

~~29.~~ A surgical probe as claimed in claim 1, wherein the fluid transmission space is located between the tissue cooling apparatus and the energy transmission devices.

~~30.~~ A surgical probe as claimed in claim 1, wherein the fluid transmission space surrounds the energy transmission devices.

~~31.~~ A surgical probe as claimed in claim 1, wherein the energy transmission devices each define a diameter and the tissue cooling apparatus defines a diameter that is no more than about 3 times the diameter of the energy transmission devices.

B<sup>1</sup> ~~32.~~ A surgical probe as claimed in claim 31, wherein the tissue cooling apparatus defines a diameter that is about 1.2 to 2 times the diameter of the energy transmission devices.

~~33.~~ A surgical probe as claimed in claim 1, wherein the energy transmission devices comprise flexible energy transmission devices.

~~34.~~ A surgical probe as claimed in claim 33, wherein the energy transmission devices comprise coil electrodes.